

LAW PRESSURE (LP) RO ELEMENT



Industrial Low Pressure Ro Membrane Series

Puroxy ultra-low pressure series (LP) has excellent performance in water production rate And desalination rate. It performs as well as bw series even though under ultra low Pressure. Its operating pressure is 0.76mpa (110psi) only. So it is good choice for dealing Water with salt content less than 1000ppm. It is widely used in irrigation of city landscape And agriculture, drinking water, municipal water supply, commercial pure water treatment, Hospital, laboratory, home use etc.

Specification And Main Performance Of Membrane Elements

Model	Average Rejection	Minimum Rejection	Average Permeated Flow(GPD)	Active Membrane Area ft ² (M ²)
LP-8040	98	97	10000	37
LP-4040	98	97	2500	7.5
LP-4021	98	97	1000	3.3

Testing Conditions:

Testing Pressure	110psi (0.76MPa)
Temperature of Testing Solution	25c
Concentration of Testing Solution	1000PPM
pH value of Testing Solution	7.5
Recovery Rate	15%

Operation Limits and Conditions:

Max. Working Pressure	600psi(4.1Mpa)
Max. Working Feedwater flow	75gpm(8040) 16gpm(4040/4021)
Max. Feedwater Temperature	45c
Max. Pressure Decline	15psi(0.1MPa)
Residual Chlorine	<0.1ppm
pH Range of Feedwater	3.0-10.0